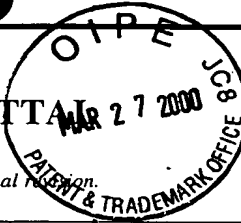


FEE TRANSMITTAL

Patent fees are subject to annual increase.



Complete if Known

Application Number 09/445,054
 Filing Date December 1, 1999
 First Named Inventor Neal Rosen, et al.
 Examiner Name
 Group Art Unit
 Attorney Docket Number 19962YP

TOTAL AMOUNT OF PAYMENT \$130

METHOD OF PAYMENT (Check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 13-2755

Deposit Account Name Merck & Co., Inc.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. ☐ Payment Enclosed:
☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	690	Utility filing fee	
106	310	Design filing fee	
108	690	Reissue filing fee	
114	150	Provisional filing fee	
SUBTOTAL(1)			\$0

2. EXTRA CLAIM FEES

	Extra	Fee from below	Fee Paid
Total Claims	20	** = 0 x \$18 =	0
Independent Claims	3	** = 0 x \$78 =	0
Multiple Dependent Claims		x \$260 =	

**or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Fee Description
103	18	Claims in excess of 20
102	78	Independent claims in excess of 3
104	260	Multiple dependent claims
109	78	**Reissue independent claims over original patent
110	18	**Reissue claims in excess of 20 and over original patent
SUBTOTAL(2)		\$0

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	130
147	2,520	For filing a request for reexamination	
115	110	Extension for reply within first month	
116	380	Extension for reply within second month	
117	870	Extension for reply within third month	
118	1,360	Extension for reply within fourth month	
128	1,850	Extension for reply within fifth month	
119	300	Notice of Appeal	
120	300	Filing a brief in support of an appeal	
121	260	Request for oral hearing	
140	110	Petition to revive - unavoidable	
141	1,210	Petition to revive - unintentional	
142	1,210	Utility issue fee (or reissue)	
143	430	Design issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
126	240	Submission of Information Disclosure Statement	
581	40	Recording each patent assignment per property (times number of properties)	
146	690	Filing a submission after final rejection (37 CFR 1.129(a))	
149	690	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)			
Other fee (specify)			
SUBTOTAL(3)			\$130

SUBMITTED BY

Typed or Printed Name David A. Muthard

Signature

Date

3/21/00

Complete (if applicable)

Reg. Number 35,297

Deposit Account User ID

Application Number: 09/445,054
Filing Date: 12/01/1999
First Named Inventor: Neal Rosen, et al.
Group Art Unit: _____
Examiner Name: _____
Attorney Docket Number: 19962YP

FIRST CLASS MAIL CERTIFICATE



I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON THE DATE APPEARING BELOW.

MERCK & CO., INC.

MAILED BY

DATE

3/21/00

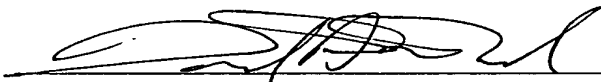
Application Number: 09/445,054
Filing Date: 12/01/1999
First Named Inventor: Neal Rosen, et al.
Group Art Unit: _____
Examiner Name: _____
Attorney Docket Number: 19962YP

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MERCK & CO., INC.

MAILED BY



DATE

3/21/00

Application Number: 09/445,054
Filing Date: 12/01/1999
First Named Inventor: Neal Rosen, et al.
Group Art Unit: _____
Examiner Name: _____
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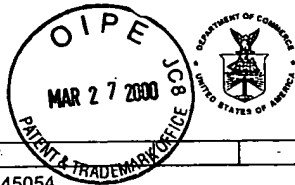
MERCK & CO., INC.

MAILED BY

A handwritten signature in black ink, likely belonging to a representative of Merck & Co., Inc.

DATE

3/21/00



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: ASSISTANT COMMISSIONER FOR PATENTS
Box PCT
Washington, D.C. 20231

U.S. APPLICATION NO. 09/445054	FIRST NAMED APPLICANT ROSEN	ATTY. DOCKET NO. N 19962YP
INTERNATIONAL APPLICATION NO. PCT/US98/08646		
I.A. FILING DATE 04 JUN 98		
PRIORITY DATE 05 JUN 97		
DATE MAILED: 22 FEB 2000		

MERCK & CO INC
PATENT DEPARTMENT RY 60 30
126 EAST LINCOLN AVENUE
PO BOX 2000
RAHWAY, NJ 07065

DOCKETED
FEB 25 2000
BARBARA REILL

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as
- ☐ a Designated Office (37 CFR 1.494),
 - ☒ an Elected Office (37 CFR 1.495):
 - ☒ U.S. Basic National Fee.
 - ☒ Copy of the international application in:
 - ☐ a non-English language.
 - ☒ English.
 - ☐ Translation of the international application into English.
 - ☒ Oath or Declaration of inventors(s) for DO/EO/US.
 - ☐ Copy of Article 19 amendments.
 - ☐ Translation of Article 19 amendments into English.
 - ☒ The International Preliminary Examination Report in English and its Annexes, if any.
 - ☐ Translation of Annexes to the International Preliminary Examination Report into English.
 - ☐ Preliminary amendment(s) filed _____ and _____.
 - ☐ Information Disclosure Statement(s) filed _____ and _____.
 - ☐ Assignment document.
 - ☐ Power of Attorney and/or Change of Address.
 - ☐ Substitute specification filed _____.
 - ☐ Verified Statement Claiming Small Entity Status.
 - ☒ Priority Document. 2
 - ☒ Copy of the International Search Report ☐ and copies of the references cited therein.
 - ☐ Other:
2. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:
- ☐ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
 - ☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
 - ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
 - ☐ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.
 - ☒ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
 - ☐ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).
3. Additional claim fees of \$ _____ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due. See attached PTO-875.

ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☐ 21 OR ☒ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

4. Translation of the Annexes **MUST** be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.
5. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

A copy of this notice *MUST* be returned with this response.

Enclosed:

☒ PCT/DO/EO/917

☐ Notice of Defective Translation

☐ PTO-875

FORM PCT/DO/EO/905 (December 1997)

Christine S. Washington

Telephone: 703-305-3752



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/445054	ROSEN	N 19962YP
INTERNATIONAL APPLICATION NO.		
PCT/US98/08646		
I.A. FILING DATE	PRIORITY DATE	
04 JUN 98	05 JUN 97	
DATE MAILED: 22 FEB 2000		

MERCK & CO INC
PATENT DEPARTMENT RY 60 30
126 EAST LINCOLN AVENUE
PO BOX 2000
RAHWAY, NJ 07065

MAR 27 2000
PATENT & TRADEMARK OFFICE

NOTIFICATION OF A DEFECTIVE OATH OR DECLARATION

This application fails to contain an oath or declaration acceptable under 35 U.S.C. 371 (c)(4) for entry into the national stage in the United States of America. The period within which to correct these requirements and avoid abandonment is set in the accompanying Office action.

A new oath or declaration, identifying this application by the international application number and international filing date is required. The oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:

1. ☒ is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
2. ☐ does not identify the specification to which it is directed.
3. ☐ does not identify the inventor(s).
4. ☐ does not identify the citizenship of each inventor.
5. ☐ does not state the person making the oath or declaration believes the named inventor or inventors to be the original and first inventor or inventors of the subject matter which is claimed and for which a patent is sought.

FAILURE TO SUBMIT AN OATH OR DECLARATION IN COMPLIANCE WITH 37 CFR 1.497(a) AND (b) WITHIN THE TIME PERIOD SET WILL RESULT IN FAILURE TO ENTER THE NATIONAL STAGE AND THE ABANDONMENT OF THE APPLICATION.

Additionally, the oath or declaration does not comply with 37 CFR 1.63 in that it:

1. ☐ does not identify the city and state or city and foreign country of residence or each inventor.
2. ☐ does not state that the person making the oath or declaration:
 - a. ☐ has reviewed and understands the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration.
 - b. ☐ acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.
3. ☐ does not identify the foreign application for patent or inventor's certificate on which priority is claimed pursuant to 37 CFR 1.55, and any foreign application having a filing date before that of the application on which priority is claimed, by specifying the application serial number, country, day, month, and year of its filing.
4. ☐ does not state that the person making the oath or declaration acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and filing date of the continuation in part application which discloses and claims subject matter in addition to that disclosed in the prior application (37 CFR 1.63(d)).

Christine S. Washington

Telephone: 703-305-3752